

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024169.D
 Acq On : 08 Mar 2023 15:34
 Operator : CG/JU
 Sample : SSTD3.281
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2242

Quant Time: Mar 09 00:50:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 00:47:00 2023
 Response via : Initial Calibration

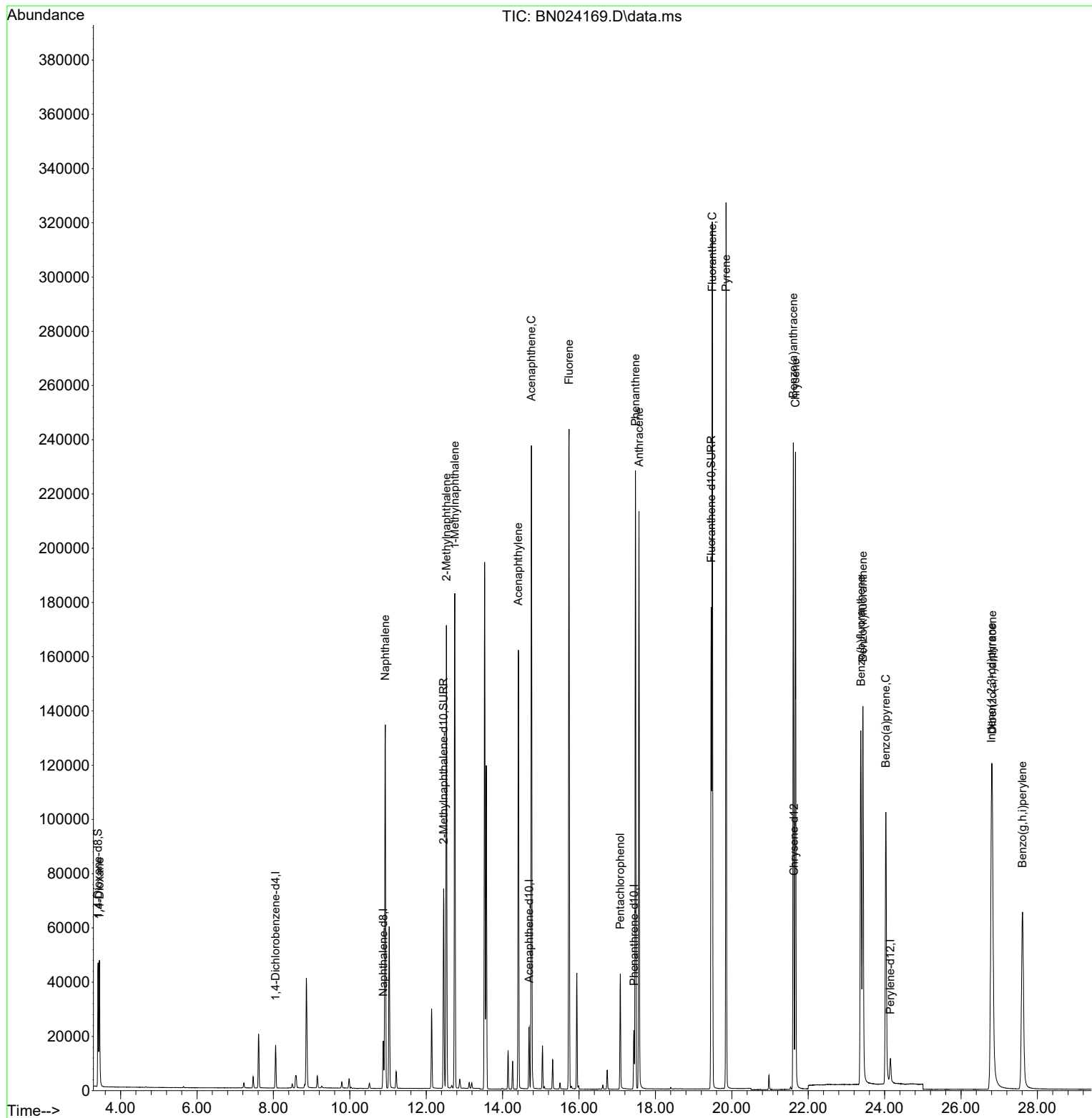
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	7860	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	23052	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.693	164	12353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.438	188	24388	0.400	ng/ul	0.00
17) Chrysene-d12	21.626	240	19882	0.400	ng/ul	0.00
23) Perylene-d12	24.149	264	13919	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27235	3.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	90301	2.504	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	170527	3.193	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.447	88	29768	3.334	ng/ul	89
5) Naphthalene	10.927	128	183472	2.910	ng/ul	99
7) 2-Methylnaphthalene	12.527	142	116863	2.850	ng/ul	100
8) 1-Methylnaphthalene	12.747	142	120700	2.875	ng/ul	100
10) Acenaphthylene	14.411	152	178126	3.769	ng/ul	99
11) Acenaphthene	14.754	153	131021	3.150	ng/ul	99
12) Fluorene	15.739	166	150703	2.998	ng/ul	100
14) Pentachlorophenol	17.080	266	26161	3.251	ng/ul#	73
15) Phenanthrene	17.476	178	235062	3.232	ng/ul	100
16) Anthracene	17.569	178	220902	3.630	ng/ul	99
19) Fluoranthene	19.487	202	260697	3.943	ng/ul	97
20) Pyrene	19.850	202	256113	3.742	ng/ul	97
21) Benzo(a)anthracene	21.609	228	213622	3.163	ng/ul	100
22) Chrysene	21.667	228	218063	3.067	ng/ul	100
24) Benzo(b)fluoranthene	23.377	252	197450	3.211	ng/ul	95
25) Benzo(k)fluoranthene	23.430	252	209127	3.479	ng/ul	96
26) Benzo(a)pyrene	24.032	252	166555	3.252	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.797	276	193436	2.691	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.817	278	149019	2.593	ng/ul	95
29) Benzo(g,h,i)perylene	27.608	276	162539	2.749	ng/ul	98

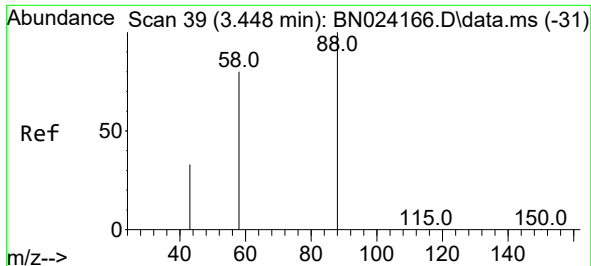
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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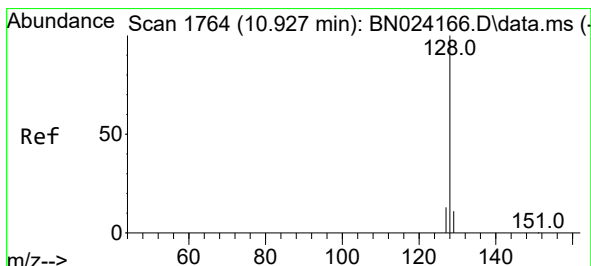
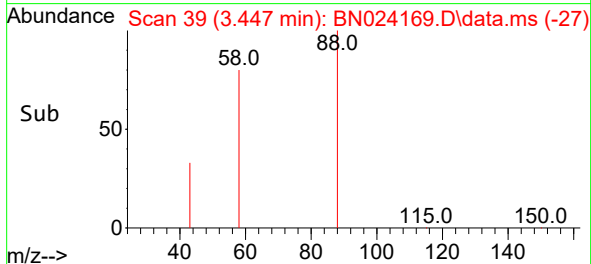
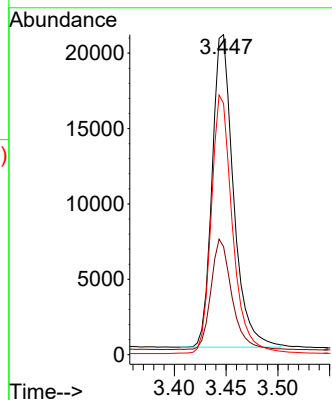
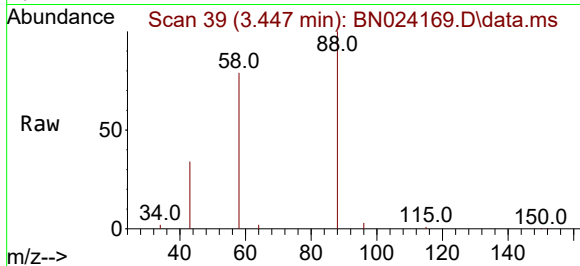




#2
1,4-Dioxane
Concen: 3.334 ng/ul
RT: 3.447 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

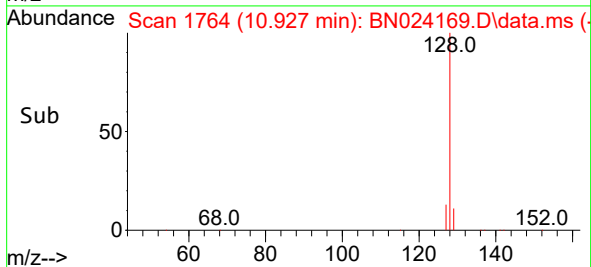
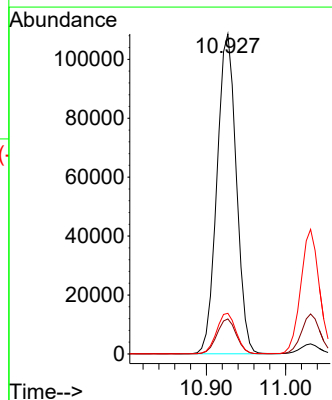
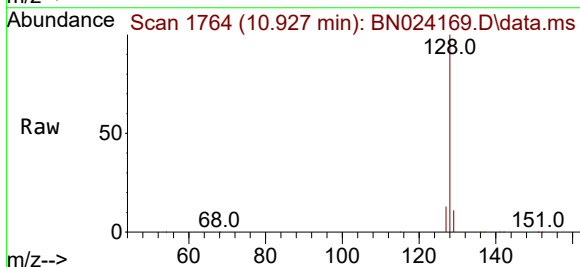
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

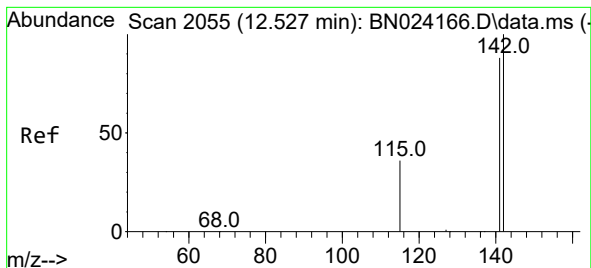
Tgt Ion: 88 Resp: 29768
Ion Ratio Lower Upper
88 100
43 33.8 32.1 48.1
58 78.5 55.1 82.7



#5
Naphthalene
Concen: 2.910 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:128 Resp: 183472
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.5 15.7

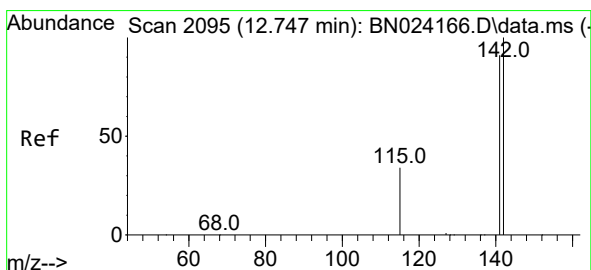
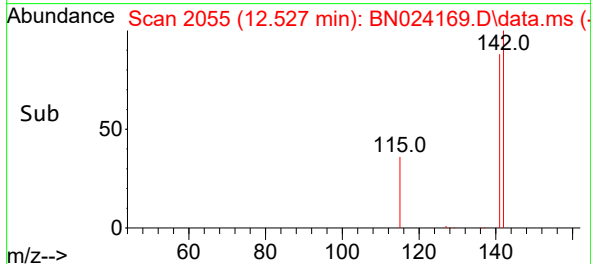
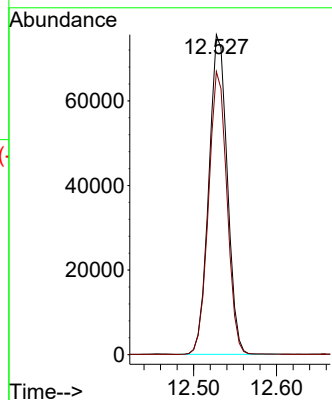
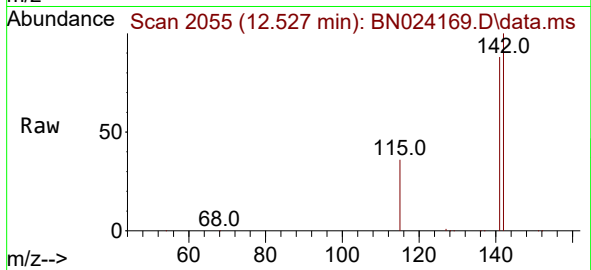




#7
2-Methylnaphthalene
Concen: 2.850 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

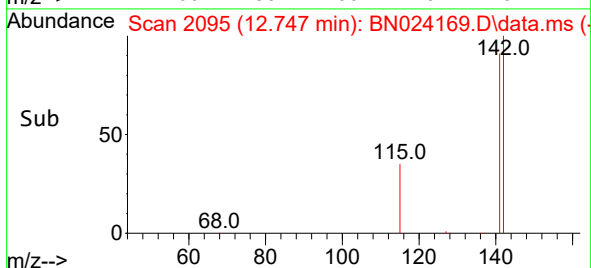
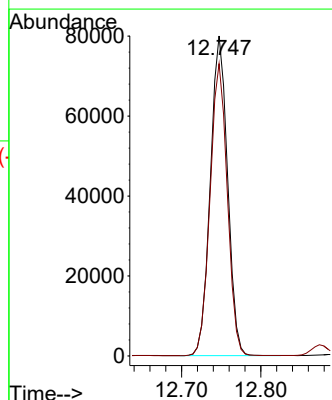
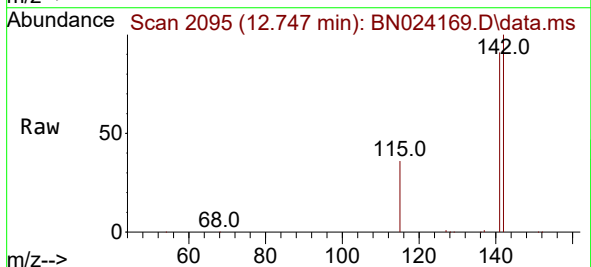
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

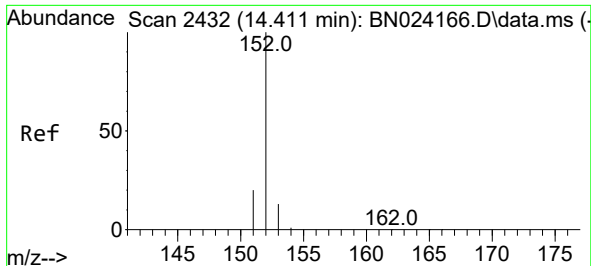
Tgt Ion:142 Resp: 116863
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 2.875 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:142 Resp: 120700
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6

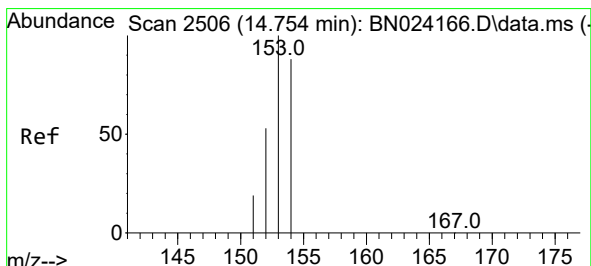
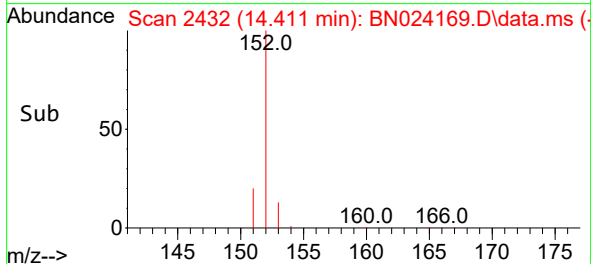
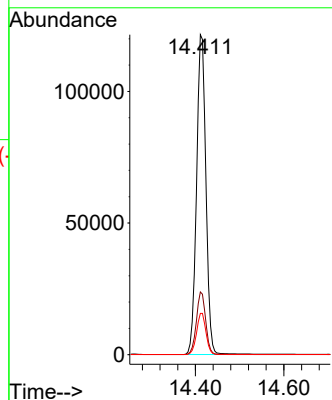
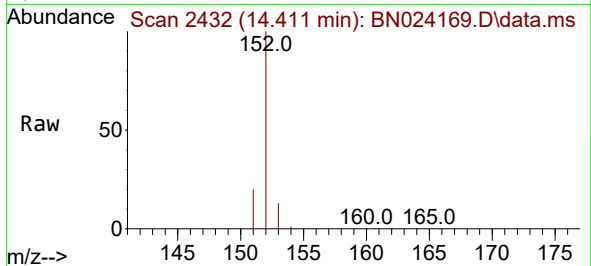




#10
Acenaphthylene
Concen: 3.769 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

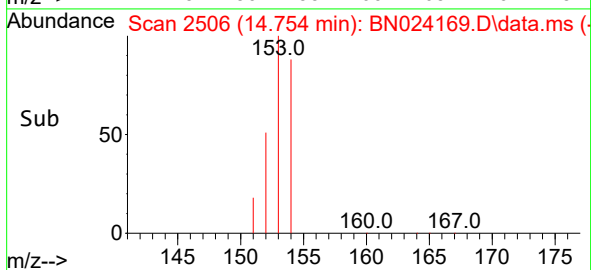
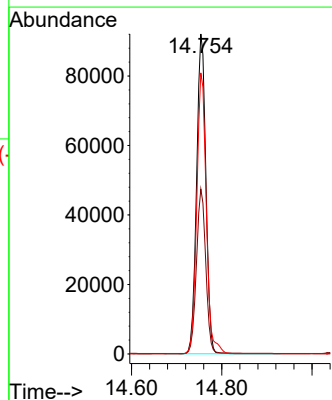
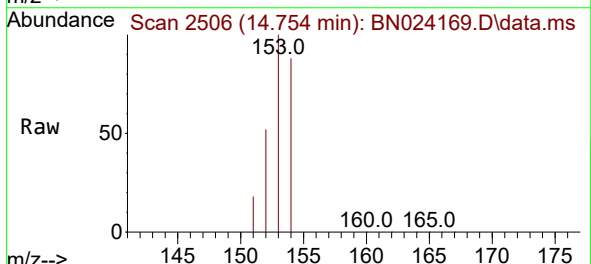
Instrument :
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ClientSampleId :
SSTD3.2242

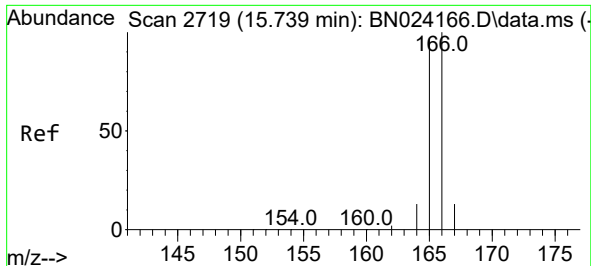
Tgt Ion:152 Resp: 178126
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.9 10.6 16.0



#11
Acenaphthene
Concen: 3.150 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:153 Resp: 131021
Ion Ratio Lower Upper
153 100
152 51.5 42.6 64.0
154 87.8 70.6 105.8

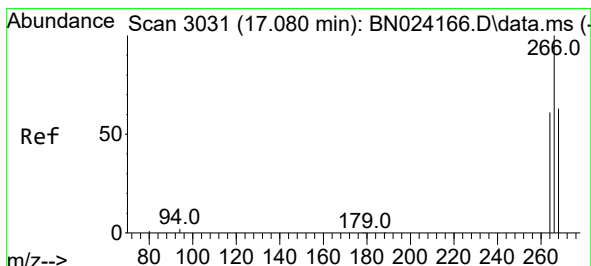
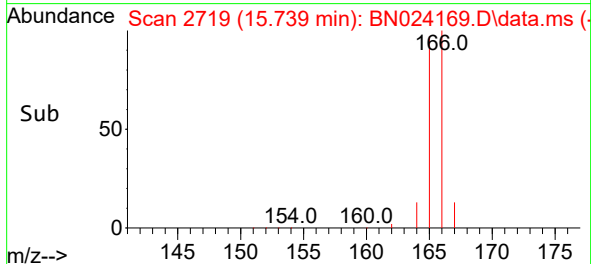
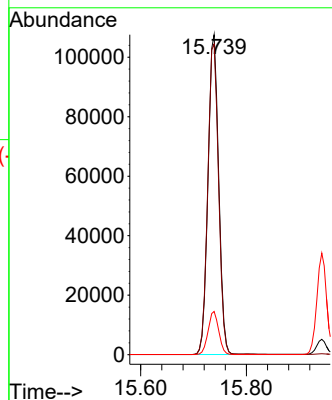
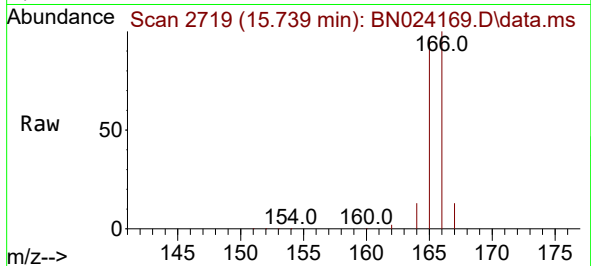




#12
Fluorene
Concen: 2.998 ng/ul
RT: 15.739 min Scan# 2719
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

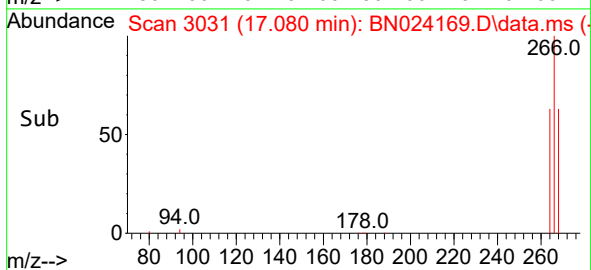
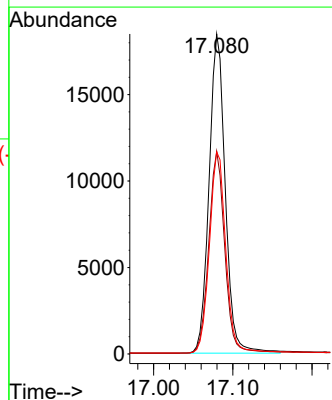
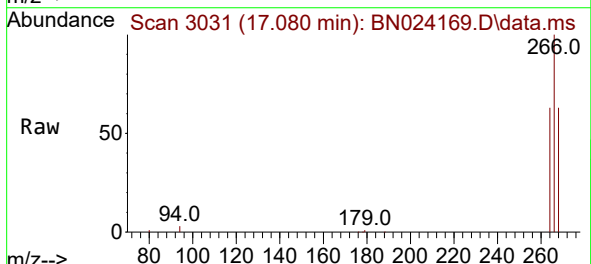
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SSTD3.2242

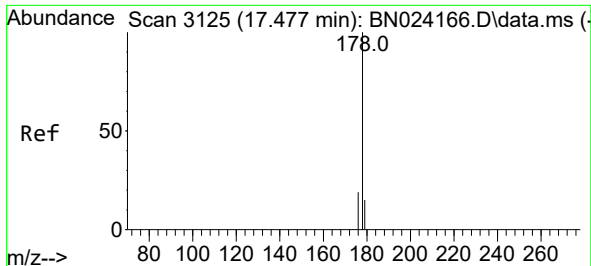
Tgt Ion:166 Resp: 150703
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.0
167 13.5 10.9 16.3



#14
Pentachlorophenol
Concen: 3.251 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:266 Resp: 26161
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.9 0.1 0.1#

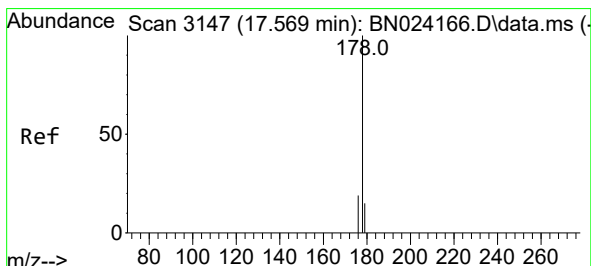
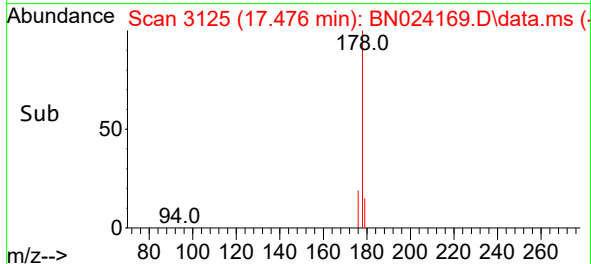
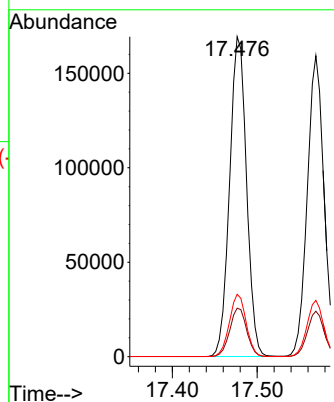
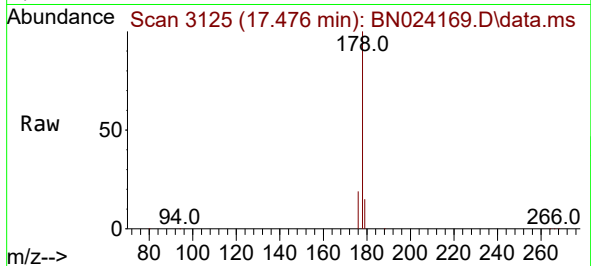




#15
Phenanthrene
Concen: 3.232 ng/ul
RT: 17.476 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

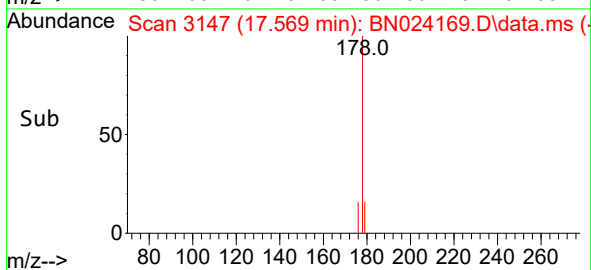
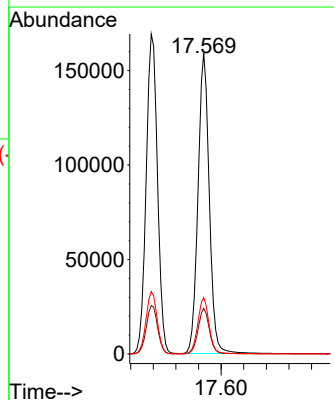
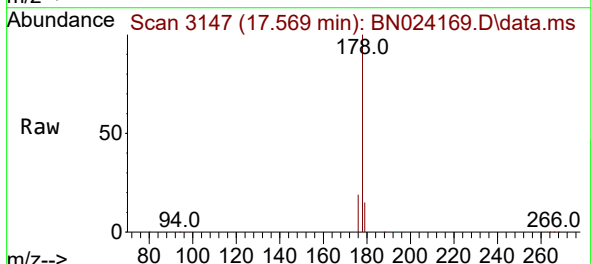
Instrument :
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ClientSampleId :
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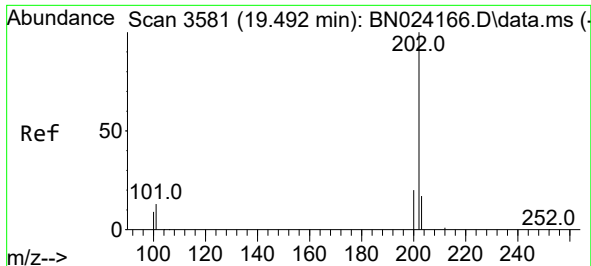
Tgt Ion:178 Resp: 235062
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.5 15.7 23.5



#16
Anthracene
Concen: 3.630 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:178 Resp: 220902
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.7 15.3 22.9

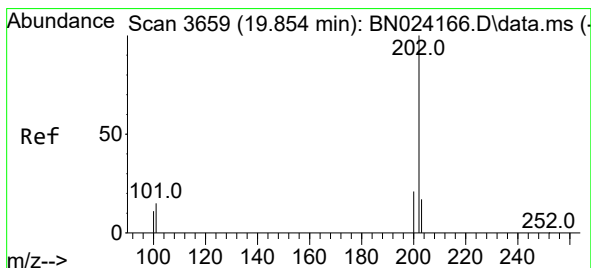
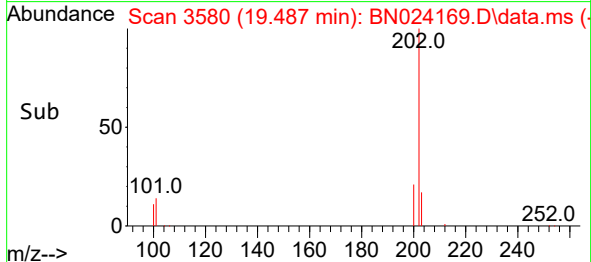
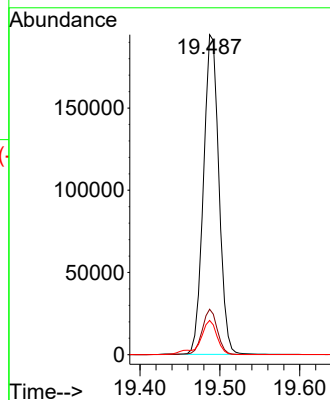
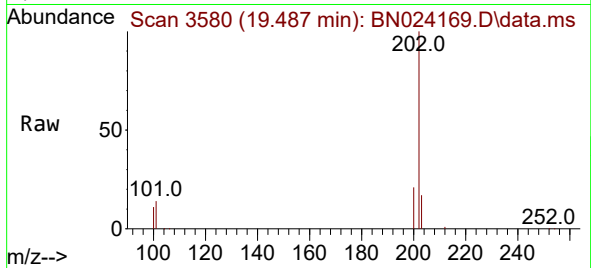




#19
Fluoranthene
Concen: 3.943 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

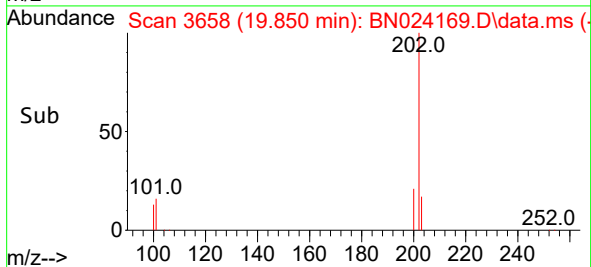
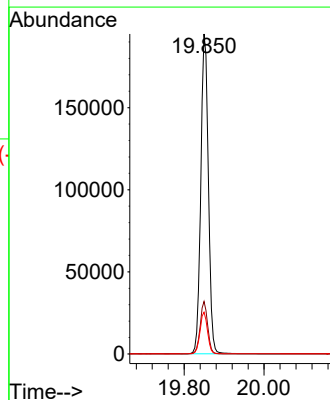
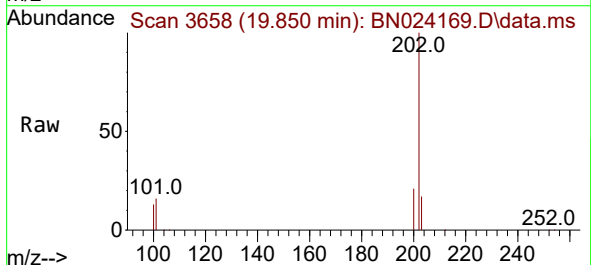
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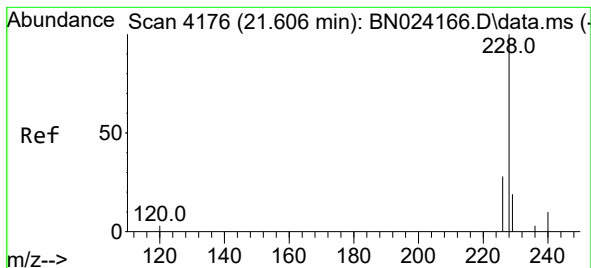
Tgt Ion:202 Resp: 260697
Ion Ratio Lower Upper
202 100
101 14.2 10.4 15.6
100 10.7 7.7 11.5



#20
Pyrene
Concen: 3.742 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:202 Resp: 256113
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 13.1 9.4 14.0





#21

Benzo(a)anthracene

Concen: 3.163 ng/ul

RT: 21.609 min Scan# 4177

Delta R.T. 0.003 min

Lab File: BN024169.D

Acq: 08 Mar 2023 15:34

Instrument :

BNA_N

ClientSampleId :

SSTD3.2242

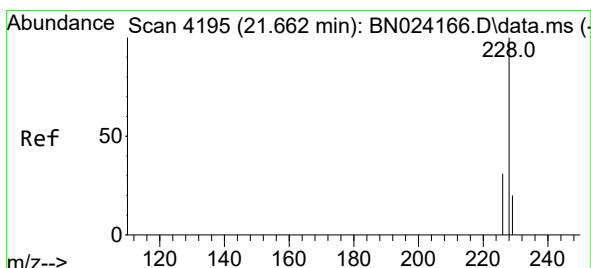
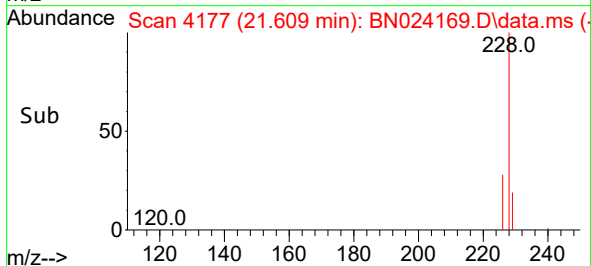
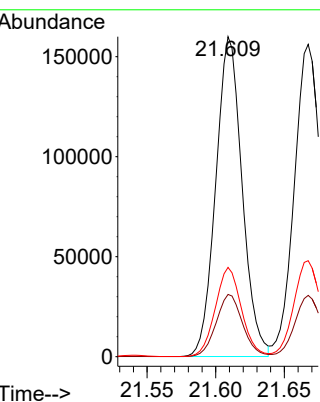
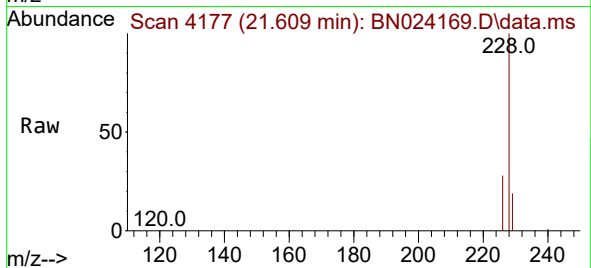
Tgt Ion:228 Resp: 213622

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 27.9 22.2 33.4



#22

Chrysene

Concen: 3.067 ng/ul

RT: 21.667 min Scan# 4197

Delta R.T. 0.006 min

Lab File: BN024169.D

Acq: 08 Mar 2023 15:34

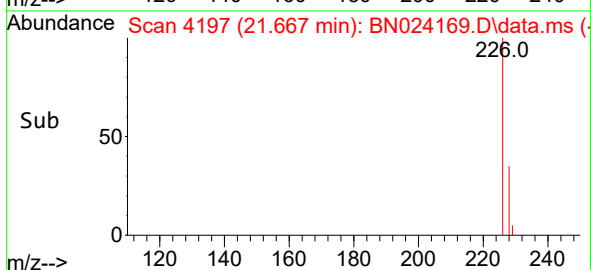
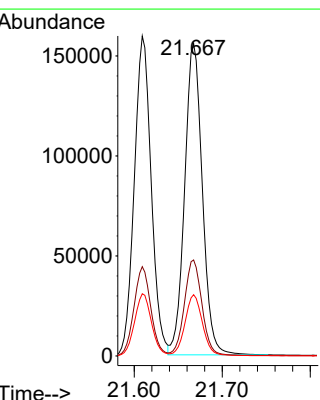
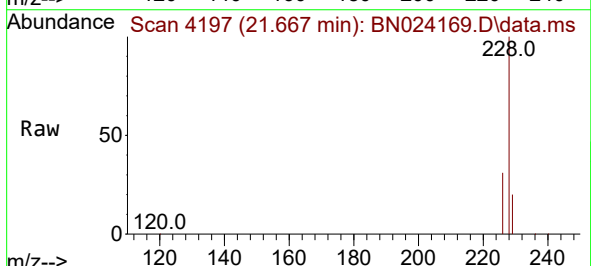
Tgt Ion:228 Resp: 218063

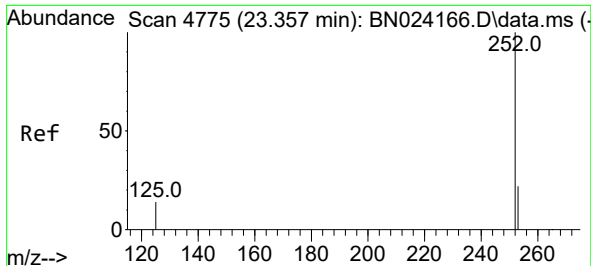
Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

229 19.6 15.8 23.6

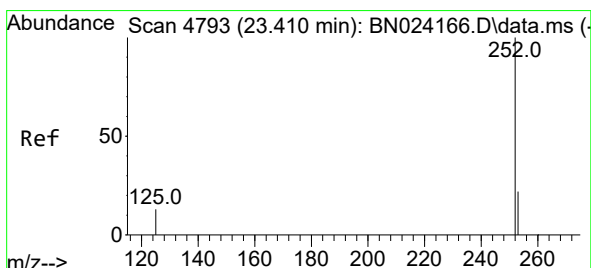
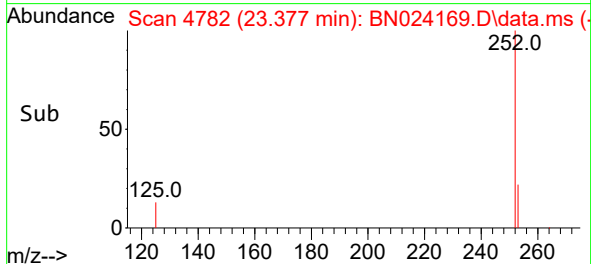
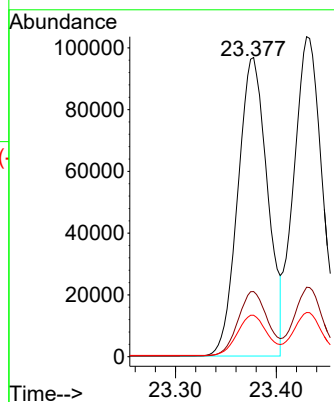
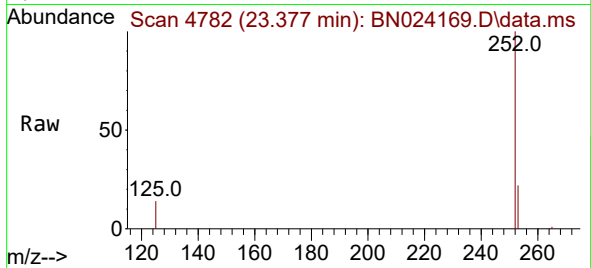




#24
Benzo(b)fluoranthene
Concen: 3.211 ng/ul
RT: 23.377 min Scan# 41
Delta R.T. 0.020 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

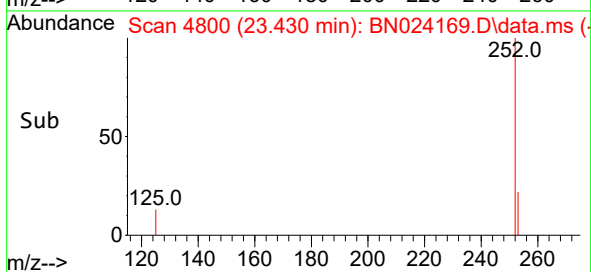
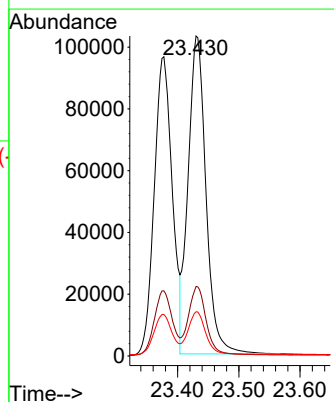
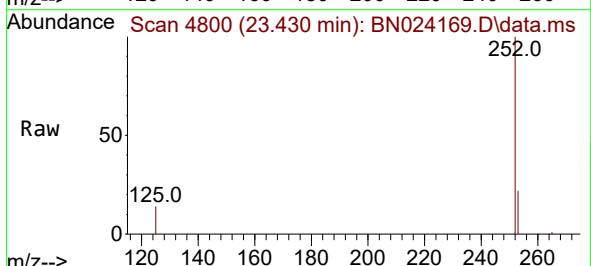
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

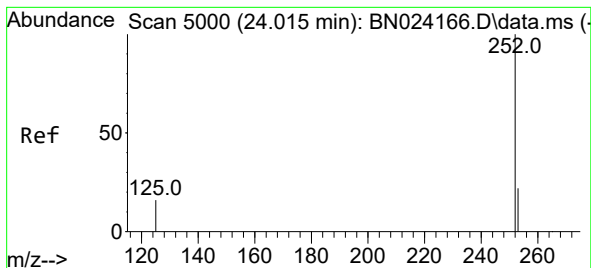
Tgt Ion:252 Resp: 197450
Ion Ratio Lower Upper
252 100
253 21.8 0.0 46.2
125 13.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 3.479 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.020 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:252 Resp: 209127
Ion Ratio Lower Upper
252 100
253 21.7 18.5 27.7
125 13.8 13.2 19.8





#26

Benzo(a)pyrene

Concen: 3.252 ng/ul

RT: 24.032 min Scan# 5006

Delta R.T. 0.017 min

Lab File: BN024169.D

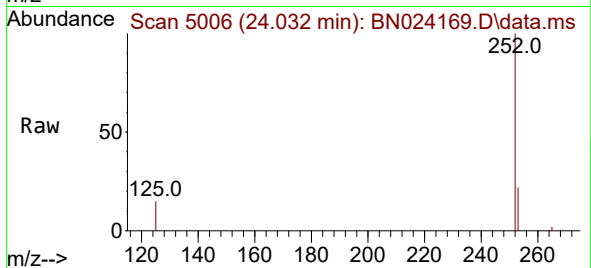
Acq: 08 Mar 2023 15:34

Instrument :

BNA_N

ClientSampleId :

SSTD3.2242



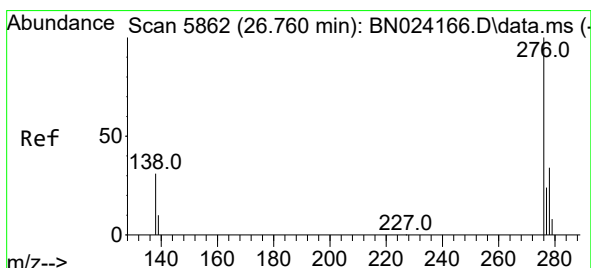
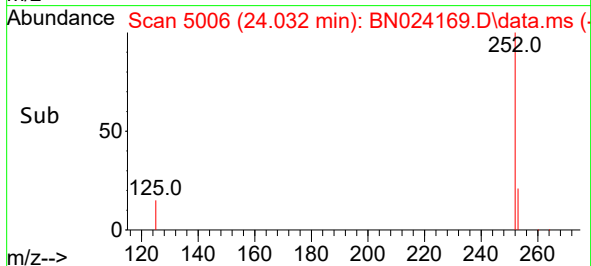
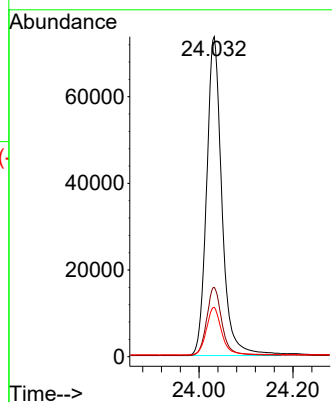
Tgt Ion:252 Resp: 166555

Ion Ratio Lower Upper

252 100

253 21.6 19.2 28.8

125 15.4 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.691 ng/ul

RT: 26.797 min Scan# 5873

Delta R.T. 0.037 min

Lab File: BN024169.D

Acq: 08 Mar 2023 15:34

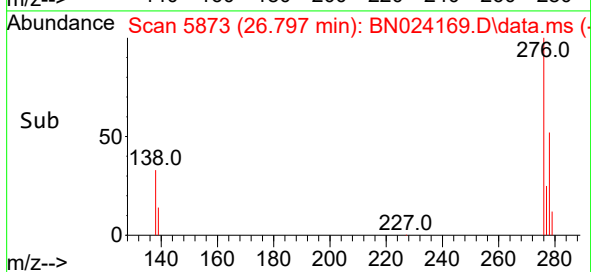
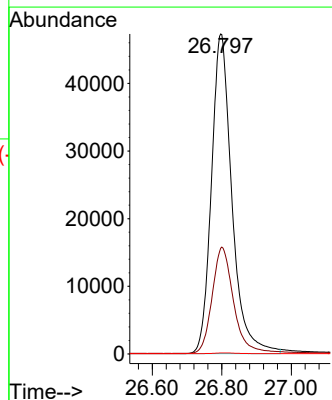
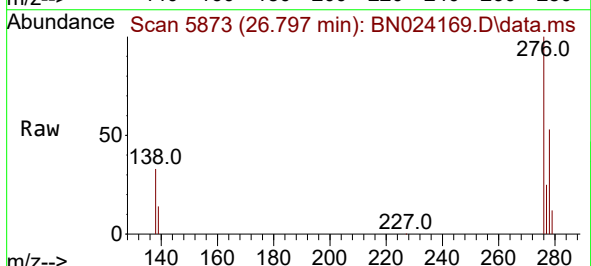
Tgt Ion:276 Resp: 193436

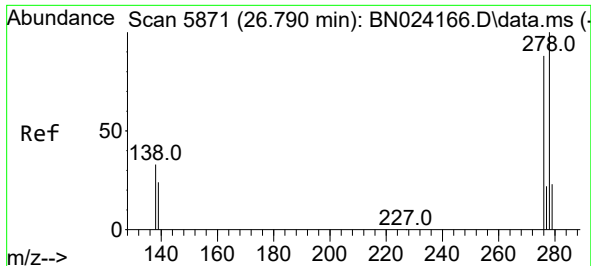
Ion Ratio Lower Upper

276 100

138 34.6 0.0 0.0#

227 0.2 0.0 0.0#

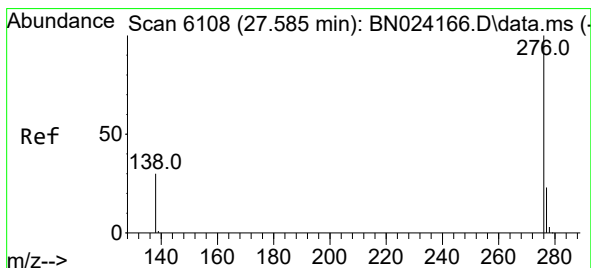
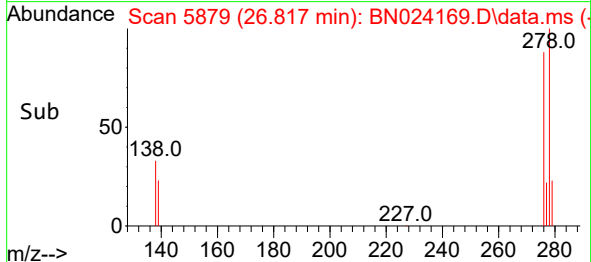
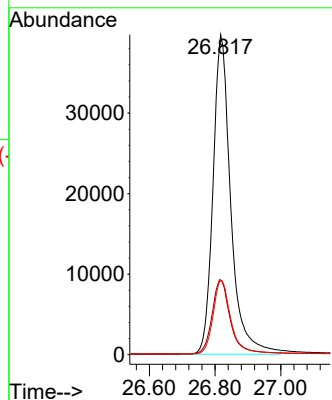
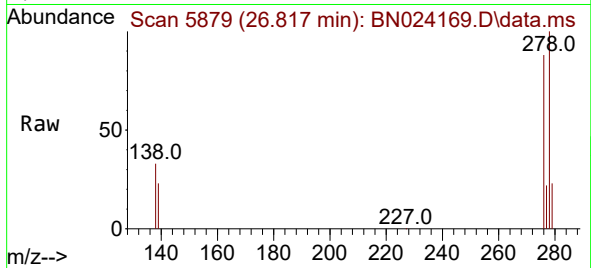




#28
Dibenzo(a,h)anthracene
Concen: 2.593 ng/ul
RT: 26.817 min Scan# 51
Delta R.T. 0.027 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:278 Resp: 149019
Ion Ratio Lower Upper
278 100
139 23.3 21.0 31.6
279 23.0 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 2.749 ng/ul
RT: 27.608 min Scan# 6115
Delta R.T. 0.023 min
Lab File: BN024169.D
Acq: 08 Mar 2023 15:34

Tgt Ion:276 Resp: 162539
Ion Ratio Lower Upper
276 100
138 30.0 25.2 37.8
277 23.5 19.4 29.2

